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NOTICE OF ALLOWANCE AND FEE(S) DUE

55694 7590 03/02/2011 DRINKER BIDDLE & REATH (DC) 1500 K STREET, N.W. SUITE 1100 WASHINGTON, DC 20005-1209 EXAMINER
HOLLWEG, THOMAS A

ART UNIT PAPER NUMBER

2879

DATE MAILED: 03/02/2011

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/589 602	08/16/2006	Hirovuki Kynichima	046884-5500 (228947)	2603

TITLE OF INVENTION: PHOTOMULTIPLIER AND ITS MANUFACTURING METHOD

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	06/02/2011

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN <u>THREE MONTHS</u> FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. <u>THIS STATUTORY PERIOD CANNOT BE EXTENDED.</u> SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where m

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CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 55694 7590 03/02/2011				Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, much ave its own certificate of mailing or transmission.			
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							(Depositor's name)
			_				(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTO	R	ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/589,602	08/16/2006		Hiroyuki Kyushima		0468	884-5500 (228947)	2693
ITLE OF INVENTION	: PHOTOMULTIPLIER	AND ITS MANUFACT	URING METHOD				
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUI	PREV. PAID ISSUE	E FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0		\$1810	06/02/2011
EXAM	INER	ART UNIT	CLASS-SUBCLASS	7			
HOLLWEG,	THOMAS A	2879	313-536000	_			
FR 1.363). Change of correspondings form PTO/SE "Fee Address" indip PTO/SB/47; Rev 03-0 Number is required. ASSIGNEE NAME A PLEASE NOTE: Unl	ND RESIDENCE DATA ess an assignee is identi h in 37 CFR 3.11. Comp	nge of Correspondence Indication form d. Use of a Customer	data will appear on the	to 3 registered patentively, gle firm (having as a agent) and the name torneys or agents. If the printed. The printed states of the	membes of upno name	er a 2p to le is 3lentified below, the do	ocument has been filed for
a. The following fee(s) a		41	cinted on the patent): D. Payment of Fee(s): (Pl A check is enclosed Payment by credit c	ease first reapply an	y prev	riously paid issue fee s	up entity Government
Advance Order - # of Copies			The Director is here	Director is hereby authorized to charge the required fee(s), any deficiency, or credit any payment, to Deposit Account Number (enclose an extra copy of this form).			
	tus (from status indicateds SMALL ENTITY statu		☐ b. Applicant is no lo	nger claiming SMAI	L ENT	ПТҮ status. See 37 CF	FR 1.27(g)(2).
OTE: The Issue Fee and terest as shown by the r	d Publication Fee (if requ records of the United Sta	nired) will not be accepte tes Patent and Trademark	d from anyone other than Office.	the applicant; a regi	stered a	attorney or agent; or th	e assignee or other party in
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Box 1450, Alexandria, Virginia 22 Alexandria, Virginia 22313-1450. SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTOL-85 (Rev. 02/11) Approved for use through 08/31/2013.



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10/589,602	7589,602 08/16/2006 Hiroyuki Kyushima		046884-5500 (228947)	2693	
55694 75	90 03/02/2011	EXAMINER			
	LE & REATH (DC)	HOLLWEG, THOMAS A			
1500 K STREET, N SUITE 1100	N.W.	ART UNIT PAPER NUMBER			
WASHINGTON, I	OC 20005-1209	2879			

DATE MAILED: 03/02/2011

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 566 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 566 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- 1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- 2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- 9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

	Application No.	Applicant(s)
	10/589.602	KYUSHIMA ET AL.
Notice of Allowability	Examiner	Art Unit
	Thomas A. Hollweg	2879
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIFULL of the Office or upon petition by the applicant. See 37 CFR 1.313 1. ☐ This communication is responsive to the Request for Continuation. The allowed claim(s) is/are 1-3,5,6,9,11,13,15,17 and 23.	(OR REMAINS) CLOSED in this ap or other appropriate communication GHTS. This application is subject to and MPEP 1308.	plication. If not included n will be mailed in due course. THIS o withdrawal from issue at the initiative
3. Acknowledgment is made of a claim for foreign priority una All b)	e been received. been received in Application No cuments have been received in this of this communication to file a reply IENT of this application. itted. Note the attached EXAMINER as reason(s) why the oath or declara be be submitted. son's Patent Drawing Review (PTO- c. a Amendment / Comment or in the Comment or in the Comment of BIOLOGICAL MATERIAL I	national stage application from the complying with the requirements 'S AMENDMENT or NOTICE OF tion is deficient. 948) attached Office action of the back) of d). must be submitted. Note the
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	5. Notice of Informal F 6. Interview Summary Paper No./Mail Da 7. Examiner's Amendi 8. Examiner's Stateme 9. Other	(PTO-413), te

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Art Unit: 2879

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on February 22, 2011, has been entered. No claims are added or canceled. Claims 1-3, 5, 6, 9, 11, 13, 15, 17 and 23 are currently pending.

Allowable Subject Matter

- 2. Claims 1-3, 5, 6, 9, 11, 13, 15, 17 and 23 are allowed.
- 3. The following is an examiner's statement of reasons for allowance:
- 4. Amended independent claim 1 is allowable for the same reasons given in the Notice of Allowance of December 1, 2010. The prior art of record does not teach or suggest the photomultiplier described in claim 1.
- 5. Claims 2, 3, 5, 6, 9, 11, 13, 15, 17 and 23 are allowable due to their dependency.
- 6. Any comments considered necessary by the Applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of reasons for Allowance."

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Art Unit: 2879

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas A. Hollweg whose telephone number is (571)

270-1739. The examiner can normally be reached on Monday through Friday 7:30am-

5:00pm E.S.T..

8. If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Nimesh Patel can be reached on (571) 272-2457. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

9. Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Thomas Hollweg/

Patent Examiner, Art Unit 2879

/NIMESHKUMAR D. PATEL/

Supervisory Patent Examiner, Art Unit 2879